

**Notice of Allowability**

Application No.

09/559,171

Examiner

Baoquoc N. To

Applicant(s)

WONG ET AL.

Art Unit

2162

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/04/2005.
2. ☒ The allowed claim(s) is/are 1,3-5,7-11,13-15,17-21 and 27-33.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
JEAN M. CORRIELLUS  
PRIMARY EXAMINER

### **DETAILED ACTION**

1. Claims 1, 11 and 21 are amended in the amendment filed on 11/04/2005.

Claims 1, 3-5, 7-11, 13-15, 17-21 and 27-33 are pending in this application.

### ***Allowable Subject Matter***

2. Claims 1, 3-5, 7-11, 13-15, 17-21 and 27-33 allowed over prior art made of record.

The following is an examiner's statement of reasons for allowance:

As to claim 1, none of the known prior art alone or in combination neither teach nor suggests "receiving a query from a client at a database server that process queries for the relational database system, wherein the relational database system comprises a plurality of relational tables, wherein each of the relational tables includes an auditing flag which indicates whether auditing is enabled for the relational table; determining if auditing enabled by checking the auditing flag; if so, automatically modifying the query prior to processing the query, so that processing the query causes an auditing record to be created and recorded only for selected rows in relational tables that are accessed by the query and that satisfy an auditing condition, wherein the auditing condition specifies selecting a row based on the value of a field in the row in the relational database;" in conjunction with "processing the query at the database server to produce a query result; conditionally creating the audit record only for rows in relational tables that are actually accessed by the query and that satisfy the auditing condition; recording the audit record in an audit record store; and returning the query result to the client."

Claims 3-5, 7-10 and 31 are depended on claim 1; therefore, the depended claims 3-5, 7-10 and 31 are allowed under the same reason as to claim 1.

Claim 11 is a computer-readable storage medium storing the executable instruction to perform the method recited in claim 1; therefore, the recited claim 11 is allowed under the same reason as to claim 1.

Claims 13-15, 17-20 and 32 are pended on claim 11; therefore, the depended claims 13-15, 17-20 and 32 are allowed under the same reason as to claim 11.

Claim 21 is an apparatus to perform the method disclosed in claim 1; therefore, claim 21 is allowed under the same reason as to claim 1.

Claim 23-25, 27-30 and 33 are depended on claim 21; therefore, depended claims 23-25, 27-30 and 33 are allowed under the same reason as to claim 21.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

### **Patents and Publication :**

Bailey et al.	US. Patent No. 5,794,252	Patent date: 08/11/1998.
Mosher, Jr. et al.	US. Patent No. 5,799,323	Patent date: 08/25/1998.

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Mosher, Jr. et al. US. Patent No. 6,553,392 B1 Patent date: 04/22/2003.

Mosher Jr. US. Patent No. 6,584,477 B1 Patent date: 06/24/2003.

Nakao Pub No. US 2005/0257272 A1 Pub date: 11/17/2005.

**NPL:**

PLattini et al. Secure database: state of the art, Security Technogy, 2000, date 10/23-25/2000, page 228-237.

John L. Berg, Data base directions: the next steps, ACM SIGMOS, ACM Press, date 11/1976.

***Contact Information***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is at 571-272-4041 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at 571-272-4107.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:


Commissioner of Patents and Trademarks  
Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(571) –273-8300 [Official Communication]

BQ To

January 22rd, 2006

  
JEAN P. CONNELUS  
PRIMARY EXAMINER